

1 **SECTION 6-07, PAINTING**

2 **August 4, 2003**

3 **6-07.3(1) Painting New Steel Structures**

4 Method B for "Primer Coat" is revised to read:

5
6 Inorganic zinc shop applied

7
8 **6-07.3(1)A Preparation for Shop Coating**

9 The first and second paragraphs are revised to read:

10
11 A roughened surface profile shall be provided by an abrasive blasting procedure as
12 approved by the Engineer. The profile shall be one mil minimum or per the paint
13 manufacturer's recommendation, whichever is greater. The steel surfaces shall be
14 cleaned to a near white condition as per SSPC-SP10.

15
16 After being thoroughly cleaned by abrasive blasting as specified above, all structural
17 steel shall be primed within the same working day on which abrasive blasting takes
18 place, and before any rust forms, by spraying with a full coat of inorganic zinc silicate
19 paint. The Contractor shall not begin painting until receiving the Engineer's approval of
20 the prepared surface. High strength field bolts need not be painted before erection.

21
22 **6-07.3(2)A Bridge Cleaning**

23 Under "**Pressure Flushing**", in the third paragraph; the "Apparent opening size (ASTM
24 D4751)" is revised from #40 US Sieve to #70 US Sieve. In the same paragraph, the
25 "Permittivity (ASTM D4491)" is revised from 0.7 sec -1 or better to 1.0 sec -1 or better.

26
27 **6-07.3(2)C Testing and Disposal of Containment Waste**

28 The first paragraph is revised to read:

29
30 Containment waste is defined as all paint chips and debris removed from the steel
31 surface, and all abrasive blast media, as contained by the containment system. After all
32 waste from the containment structures has been collected, the Contractor shall have a
33 minimum of three samples of the wastes tested by an accredited analytical laboratory.
34 Each sample shall be taken from a different storage container unless directed otherwise
35 by the Engineer.

36
37 **6-07.3(4) Painting Galvanized Surfaces**

38 This section is revised to read:

39
40 All galvanized surfaces specified to be painted shall be prepared for painting in
41 accordance with the ASTM D 2092. The method of preparation shall be as agreed
42 upon by the paint manufacturer and the galvanizer. The Contractor shall not begin
43 painting until receiving the Engineer's approval of the prepared galvanized surface.

44
45 ***Environmental Conditions***

46 Steel surfaces shall be:

- 47
48
 - Greater than 35°F and
 - Less than 115°F

49
50

1 or per the manufacturer's recommendations, whichever is more stringent.

2
3 The Contractor shall paint the dry surface as follows:

| | Paint Formulas | Type |
|---------------|----------------|---------------------------------------|
| 4 First Coat | MIL-P-24441 | Epoxy polyamide |
| 5 Second Coat | C-11-99 | Moisture Cured Aliphatic Polyurethane |

6
7 Each coat shall be dry before the next coat is applied. All coats applied in the shop shall
8 be dried hard before shipment.

9 10 11 12 13 **6-07.5 Payment**

14 This section is revised to read:

15
16 Payment will be made in accordance with Section 1-04.1, for each of the following bid
17 items that are included in the proposal:

18
19 "Cleaning and Painting - _____", lump sum.

20 The lump sum contract price for "Cleaning and Painting - _____" shall be full pay
21 for all cost in connection with furnishing and placing all necessary staging and
22 rigging, providing material, labor, tools, and equipment, collection and storage of
23 containment waste, collection, storage, testing, and disposal of all containment
24 waste not conforming to the definition in Section 6-07.3(2)C, performing all cleaning
25 and preparation of surfaces to be painted and applying all coats of paint and
26 sealant.

27
28 "Containment of Abrasives", lump sum.

29 The lump sum contract price for "Containment of Abrasives" shall be full payment
30 for all costs incurred by the Contractor in complying with the requirements as
31 specified in Section 6-07.3(2)B to design, construct, maintain, and remove
32 containment systems for abrasive blasting operations.

33
34 "Testing and Disposal of Containment Waste", by force account as provided in
35 Section 1-09.6.

36
37 All costs in connection with testing containment waste, transporting containment
38 waste for disposal, and disposing of containment waste in accordance with Section
39 6-07.3(2)C will be paid by force account in accordance with Section 1-09.6. For the
40 purpose of providing a common proposal for all bidders the Contracting Agency has
41 entered an amount for the item "Testing and Disposal of Containment Waste" in the
42 bid proposal to become part of the total bid by the Contractor.

43
44 Payment for painting new steel structures and timber structures will be in
45 accordance with Sections 6-03.5 and 6-04.5, respectively.